

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/844,938              | KARELL, ERIK K.                         |
| Examiner                | Art Unit                                |
| Tho D. Ta               | . 2833                                  |

|  | ISSUE CLASSIFICATION |          |                         |               |          |      |                    |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
|--|----------------------|----------|-------------------------|---------------|----------|------|--------------------|----------|------------------|----------------|------------|-------|--------|------------|---|--------------------------|------------|----------|------------|------------|--|--|
|  |                      | OR       | IGINAL                  |               |          |      | CROSS REFERENCE(S) |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
| CLASS SUBCLASS                         |                      |          |                         |               | C        | LASS |                    |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
| 439 130                                |                      |          |                         |               |          | 439  | 8                  | 77       | 424              |                |            |       |        |            |   |                          |            |          |            |            |  |  |
| INTERNATIONAL CLASSIFICATION           |                      |          |                         |               |          |      |                    |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
| н о                                    | 1                    | R        |                         | 13/4          |          |      |                    |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
|  |                      |          | 1                       |               |          |      |                    |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
|  |                      |          |                         | /             |          |      |                    |          |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
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|  |                      |          |                         |               |          |      |                    | THO D.TA |                  |                |            |       |        |            |   |                          |            |          |            |            |  |  |
| 1                                      | (Ass                 | sista    | nt Exar                 | niner)        | (Da      | ate) |                    |          | PRIMARY EXAMINER |                |            |       |        |            |   | Total Claims Allowed: 23 |            |          |            |            |  |  |
| (Legal) instruments Examiner) (Date)   |                      |          |                         |               |          |      | <u>.</u> 65        |          | Thodara 5/12/05  |                |            |       |        |            |   | O.G.                     |            |          |            | O.G.       |  |  |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | DO.                  | ماد      | U.                      | Fyam          | iner\    | 5.13 | ٥)                 |          | (Prir            | mary Examiner) |            |       | (Date) |            |   | Print Claim(s)           |            |          | Print Fig. |            |  |  |
| \ <u>`</u>                             | /" <i>]</i> "        | ioti C   | ciii3                   |               |          | Call | ×,                 |          | ,,               |                |            |       |        |            |   | 1                        |            |          |            | 1&2        |  |  |
|  |                      |          |                         |               |          |      |                    | V 00 -   | \reco            | tod be         | ann!       | icant |        | ΒΛ         |   |                          | D          |          |            | 1 17       |  |  |
| 1-1                                    | $\overline{}$        | s re     | enumbered in the same o |               |          |      |                    |          |                  |                |            | cant  |        | PA<br>— T  |   | <u> </u>                 | .D.        | <u>-</u> | ☐ R.1.47   |            |  |  |
| Final                                  | ina                  |          |                         | Final         | Original |      | Final              | jina     |                  | Final          | Original   |       | Final  | gina       |   | Final                    | Original   |          | Final      | Original   |  |  |
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| 1                                      | 1                    | $\dashv$ |                         |               | 31       |      |                    | 61       |                  |                | 91         |       |        | 121        | ŀ |                          | 151        |          |            | 181        |  |  |
| 4                                      | 2                    |          |                         |               | 32       |      |                    | 62       |                  |                | 92         | ]     |        | 122        |   |                          | 152        |          |            | 182        |  |  |
| 2                                      | 3                    |          |                         |               | 33       |      |                    | 63       |                  |                | 93         | 1     |        | 123        |   |                          | 153        |          |            | 183        |  |  |
| 6                                      | 4                    | -        | $\vdash$                | +             | 34       |      |                    | 64       |                  |                | 94         | -     |        | 124        |   |                          | 154        |          |            | 184        |  |  |
| 11                                     | 5<br>6               | $\dashv$ | <br>                    | $\dashv$      | 35<br>36 |      |                    | 65<br>66 |                  | <u> </u>       | 95<br>96   |       |        | 125<br>126 |   |                          | 155<br>156 |          |            | 185<br>186 |  |  |
| 14                                     | 7                    | $\dashv$ | $\vdash$                | +             | 37       |      |                    | 67       |                  |                | 97         | 1     |        | 127        |   |                          | 157        |          |            | 187        |  |  |
| 15                                     | 8                    | 1        | $\vdash$                |               | 38       |      |                    | 68       |                  |                | 98         | 1     |        | 128        |   |                          | 158        |          |            | 188        |  |  |
| 16                                     | 9                    |          |                         |               | 39       |      |                    | 69       |                  |                | 99         | ]     |        | 129        |   |                          | 159        |          |            | 189        |  |  |
| 7                                      | 10                   | ]        |                         |               | 40       |      |                    | 70       |                  |                | 100        | ]     |        | 130        | [ |                          | 160        |          |            | 190        |  |  |
| 8                                      | 11                   | 4        |                         |               | 41       |      |                    | 71       |                  |                | 101        |       |        | 131        |   |                          | 161        |          |            | 191        |  |  |
| 17                                     | 12                   | 4        |                         |               | 42       |      |                    | 72       |                  |                | 102        | 4     |        | 132        | } |                          | 162        |          |            | 192        |  |  |
| 18                                     | 13                   | -        | <u> </u>                |               | 43       |      |                    | 73       |                  |                | 103        | -     |        | 133        | } |                          | 163        |          |            | 193        |  |  |
| 19<br>21                               | 14                   | $\dashv$ |                         |               | 44 45    |      | <u> </u>           | 74<br>75 |                  |                | 104<br>105 | 1     |        | 134<br>135 | } |                          | 164<br>165 |          |            | 194<br>195 |  |  |
| 22                                     | 16                   | -        | -                       | $\dashv$      | 46       |      |                    | 76       |                  |                | 106        | † !   |        | 136        | ł |                          | 166        |          |            | 195        |  |  |
| 23                                     | 17                   | 1        |                         | $\dashv$      | 47       |      |                    | 77       |                  |                | 107        | 1 :   |        | 137        |   |                          | 167        |          |            | 197        |  |  |
| 5                                      | 18                   | 1        |                         |               | 48       |      |                    | 78       |                  |                | 108        | 1     |        | 138        |   |                          | 168        |          |            | 198        |  |  |
| 12                                     | 19                   | ]        |                         |               | 49       |      |                    | 79       |                  |                | 109        |       |        | 139        |   |                          | 169        |          |            | 199        |  |  |
| 9                                      | 20                   |          |                         |               | 50       |      |                    | 80       |                  |                | 110        |       |        | 140        |   |                          | 170        |          |            | 200        |  |  |
| 3                                      | 21                   | _        |                         |               | 51       |      |                    | 81       |                  |                | 111        |       |        | 141        | ļ |                          | 171        |          |            | 201        |  |  |
| 10                                     | 22                   | 4        |                         | $\rightarrow$ | 52       |      |                    | 82       |                  | -              | 112        |       |        | 142        |   | <u> </u>                 | 172        |          |            | 202        |  |  |
| 20                                     | 23                   | $\dashv$ | _                       | -             | 53<br>54 |      |                    | 83<br>84 |                  | <u> </u>       | 113<br>114 | -     |        | 143<br>144 |   |                          | 173<br>174 |          |            | 203<br>204 |  |  |
|  | 25                   | $\dashv$ |                         | $\dashv$      | 55       |      |                    | 85       | 1                |                | 115        | 1     |        | 144        |   |                          | 175        |          |            | 204        |  |  |
| -                                      | 26                   | $\dashv$ | -                       | $\dashv$      | 56       |      | -                  | 86       | 1                |                | 116        | 1     |        | 146        |   |                          | 176        |          |            | 206        |  |  |
|  | 27                   | ┪ .      |                         |               | 57       |      |                    | 87       |                  |                | 117        | 1     |        | 147        |   |                          | 177        |          |            | 207        |  |  |
|  | 28                   | 7        |                         |               | 58       |      |                    | 88       | 1                |                | 118        | 1     |        | 148        |   |                          | 178        |          |            | 208        |  |  |
|  | 29                   | ]        |                         |               | 59       |      |                    | 89       | ]                |                | 119        |       |        | 149        |   |                          | 179        |          |            | 209        |  |  |
|  | 30                   | 1        |                         |               | 60       |      |                    | 90       | l                |                | 120        | l     | 1      | 150        | į |                          | 180        | 1        |            | 210        |  |  |

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